	*/	
1		

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION 09/964,100 09/26/2001 Ikuo Ozawa 4041K-000036 3018 TITLE OF INVENTION: FRONT END STRUCTURE APPLN. TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE					03-14	-05		
Completicand send this form, together with applicable fee(s), to: Mail 1 2005	PE							
Commissioner for Patents P.O. 1450 OF EXAMINER APPLICATION NO. FILING DATE APPLICATION	A STATE OF THE PARTY OF THE PAR							
CURRENT CORRESPONDINCE ADDRESS (Now to Break 1 for any change of address) HARNESS, DICKEY & PIERCE, P.L.C. P.O. BOX 828 BLOOMFIELD HILLS, MI 48303 APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. STAILLY M. E. T. ACTIONAL STRUCTURE APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. STAILLY M. E. T. ACTIONAL STRUCTURE APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. O07964,100 O07262/D01 Buo Ozawa 4041K-000036 3018 TITLE OF INVENTION: FRONT END STRUCTURE APPLY TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1400 STORY OF TOTAL FEE(S) DUE DATE DUE DATE DUE Nonprovisional NO \$1400 STORY OF TOTAL FEE(S) DUE DATE DUE Nonprovisional NO \$1400 STORY OF TOTAL FEE(S) DUE DATE DUE NOT BEEN ADDRESS. TO THE PATENT (PRINT ON THE PATENT (PR	1 1 2005			or j	Commissioner P.O. Box 1450 Alexandria, Vi Fax (703) 746-4000	for Patents rginia 22313		
CURRENT CORRESPONDENCE ADDRESS (base the filter in the systems of Address) Note: A certificate of mailing can only be used for any other accordance of the company. The company of the company. Each additional page, such as an assignment of formal draw have its own certificate of mailing or transmission. PO. BOX 828 BLOOMFIELD HILLS, MI 48303 BLOOMFIELD HILLS, MI 48303 BLOOMFIELD HILLS, MI 48303 APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION of 9964,100 9964,100 99764,100 99764,100 99764,100 99764,100 99764,100 PRINT PRINT STRUCTURE APPLICATION FRONT END STRUCTURE APPLICAT	indicated unless corrected	below or directed otherwise	Patent, advance or in Block 1, by (a)	E FEE and ders and not specifying	PUBLICATION FEE (if re ification of maintenance fee: a new correspondence addre	quired). Blocks s will be mailed ss; and/or (b) i	through 5 s to the current ndicating a sepa	hould be completed correspondence ad arate "FEE ADDRE
P.O. BOX \$28 BLOOMFIELD HILLS, MI 48303 Start Points Service with sufficient page for first class mail in an start part of the USPTO (793) 746-4000, on the date indicated below start page for first class mail in an start page for first page for for page for first page for page for first page for page for first page for for first page for for first page for first page for first page for first page for for page	CURRENT CORRESPONDEN	CE ADDRESS (Note: Use Block 1 for	any change of address)		Fee(s) Transmittal.	This certificate	cannot be used	for any other accom-
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION 09/964,100 09/26/2001 Ikuo Ozawa 4041K-000036 3018 TITLE OF INVENTION: FRONT END STRUCTURE APPLN. TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE	P.O. BOX 828	·	L.C.		I hereby certify that States Postal Servic addressed to the 4 transmitted to the U	this Fee(s) Tra e with sufficien lail Stop-ISSU SPTO (703) 740	nsmittal is being the postage for fire FEE address 6-4000, on the control of the	g deposited with the st class mail in an e above, or being for date indicated below
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION 09/964,100 09/26/2001 Ikuo Ozawa 4041K-000036 3018					Stanley	M. Erjav	ac, Esq.	
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATORNEY DOCKET NG. CONFIRMATION 199/964,100 09/26/2001 Ikuo Ozawa 4041K-000036 3018 TITLE OF INVENTION: FRONT END STRUCTURE APPLN. TYPE	ı				Start in	1. Jun	J	(\$
Description 10 10 10 10 10 10 10 1		T		· · · · · · · · · · · · · · · · · · ·				
APPLN.TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(s) DUE DATE DUE nonprovisional NO \$1400 \$300 \$1700 03/14/2009 EXAMINER ART UNIT CLASS-SUBCLASS CIRIC, LIILIANA V 3753 165-041000 1. Change of correspondence address (or Change of Correspondence Address from PTO/SB/12) attached. ———————————————————————————————————	t 	L]					
nonprovisional NO \$1400 \$300 \$1700 03/14/2005 EXAMINER ART UNIT CLASS-SUBCLASS CIRIC, LJILJANA V 3753 165-041000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached. Change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached. Tee Address' indication for "Fee Address' Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) DENSO Corporation (B) RESIDENCE: (CITY and STATE OR COUNTRY) As The following fee(s) are enclosed: **X-** Issue Fee **X-** In Princetor of the USPTO is requested to apply the Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attomey or agents. The pleasure of the USPTO is requested to apply the Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered patent attorneys or agents. The pleasure of the USPTO is requested to apply the Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered patent attorneys or agents. The pleasure of the USPTO is requested to apply the Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered patent attorneys or agents. The pleasure of the USPTO is requested to	TITLE OF INVENTION: F	FRONT END STRUCTURE	-			٠		
EXAMINER CIRIC, LJILJANA V 3753 165-041000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). CIAnage of correspondence address (or Change of Correspondence Address from PTO/SB/1.22) attached. CFR 1.363). CIAnage of correspondence address (or Change of Correspondence Address from PTO/SB/1.22) attached. CIAnage of correspondence address (or Change of Correspondence Address from PTO/SB/1.22) attached. CIAnage of correspondence address (or Change of Correspondence Address from PTO/SB/1.22) attached. CIANAGE Address indication for "Fee Address" indication form pTO/SB/1.23 (2) the name of up to 3 registered patent attorneys or agents University or agents UR and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) DENSO Corporation Kariya, Japan 02 FE:1504 300.00 37.678001 18.00	APPLN, TYPE	SMALL ENTITY	ISSUE FE	EE	PUBLICATION FEE	TOTAL F	FEE(S) DUE	DATE DUE
CIRIC, LIILJANA V 3753 165-041000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached. Change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached. (2) the name of a single film (having as a member a registered patent attorneys or agents of R, alternatively. (2) the name of a single film (having as a member a registered patent attorneys or agents. If no name is listed, no name will be printed. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (3/16/2005 ANONDAF2 00000063 09964100 (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) DENSO Corporation (B) RESIDENCE: (CITY and STATE OR COUNTRY) DENSO Corporation (B) RESIDENCE: (CITY and STATE OR COUNTRY) At The Director of the spropriate assignee category or categories (will not be printed on the patent): Individual X3 Corporation or other private group entity Gov 4a. The following fee(s) are enclosed: 4b. Payment of Fee(s): X2 A check in the amount of the fee(s) is enclosed. X2 A dvance Order - # of Copies 6 Y2 Y2 Y2 Y2 Y3 Y4 Y4 Y4 Y4 Y4 Y4 Y4	nonprovisional	NO	\$1400		\$300	\$	1700	03/14/2005
Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/1287, Rev 0.30-02 or more recent) attached. Use of a Customer Number is required. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/178, Rev 0.30-02 or more recent) attached. Use of a Customer Number is required. A. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (a) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) DENSO Corporation (B) RESIDENCE: (CITY and STATE OR COUNTRY) DENSO Corporation (B) RESIDENCE: (CITY and STATE OR COUNTRY) DENSO Corporation (Corporation or other private group entity Government of Fee(s) (a) Name of a substitute for filing an assignment. (b) FC: 1501 1400.00 (b) RESIDENCE: (CITY and STATE OR COUNTRY) DENSO Corporation (Corporation or other private group entity Government of Fee(s) (corporation or other private group entity Government of Fee(s) (b) Payment of Fee(s) (corporation or other private group entity Government of Fee(s) (corporation or other private group entity Government of Fee(s) (corporation or other private group entity Government of Fee(s) (corporation or other private group entity Government of Fee(s) (corporation or other private group entity Government of Fee(s) (corporation or other private group entity Government of Fee(s) (corporation or other private group entity Government of Fee(s) (corporation or other private group entity Government of Fee(s) (corporation or other private group	EXAM	MINER	ART UNI	T T	CLASS-SUBCLASS	7		
CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of Correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of Correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of Correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of Correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of Correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of Correspondence address (or Change of Correspondence Address form Store a Single firm (having as a member a registered attorneys or agents of up to 2 registered patent attorneys or agents of public address for a gents of up to 3 registered patent attorneys or agents of up to 3 registered patent attorneys or agents of up to 3 registered patent attorneys or agents of up to 3 registered attorneys or agents of up to 3 registered patent attorneys or agents of up to 3 registered attorneys or agents of up to 4 and 4	CIRIC, LI	IILJANA V	3753	 ' -	165-041000			
3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) DENSO Corporation (B) RESIDENCE: (CITY and STATE OR COUNTRY) DENSO Corporation (C) FC:1501 1400.00 A FC:8001 Rariya, Japan (C) FC:1504 (D) FC:1504 (E) FC:1504 (D) FC:1504 (E) FC:	CFR 1.363). Change of corresponded ress form PTO/SB/1 "Fee Address" indication PTO/SB/47; Rev 03-02	dence address (or Change of 22) attached. ation (or "Fee Address" Indic	Correspondence	(1) the na or agents (2) the na registered 2 registered	mes of up to 3 registered pa OR, alternatively, me of a single firm (having a attorney or agent) and the nad patent attorneys or agents.	tent attorneys	2	, Dickey & Pierce,
PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. 03/16/2005 AWONDAF2 00000063 09964100 (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) DENSO Corporation Kariya, Japan: 01 FC:1501 1400.00 Kariya, Japan: 02 FC:1504 300.00 300.00 4a. The following fee(s) are enclosed: XX Issue Fee XX A check in the amount of the fee(s) is enclosed. XX Publication Fee (No small entity discount permitted) XX Advance Order - # of Copies 6 XX The Director is hereby authorized by charge the required fee(s), or credit any overpay Deposit Account Number 08-0750 (enclose an extra copy of this form). 5. Change in Entity Status (from status indicated above) 1 a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. 1 b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the applicant identified abov NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature Date March 11, 2005		O RESIDENCE DATA TO E	BE PRINTED ON T		<u> </u>			
(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) DENSO Corporation Kariya, Japan 02 FC:1504 300.00 03 FC:8001 18.00 Please check the appropriate assignee category or categories (will not be printed on the patent): Individual					4 71 /	gnee is identifi	ed below, the d	locument has been
DENSO Corporation Kariya, Japan O2 FC:1504 O3 FC:8001 18.00 Please check the appropriate assignee category or categories (will not be printed on the patent): Individual In		-			03/	16/2005 AWOI	NDAF2 000000	63 09964100
4a. The following fee(s) are enclosed: X Issue Fee X A check in the amount of the fee(s) is enclosed. Y A check in the amount of the fee(s) is enclosed. X A check in the amount of the fee(s) is enclosed. Y A check in the amount of the fee(s) is enclosed. Y A check in the amount of the fee(s) is enclosed. Y A check in the amount of the fee(s) is enclosed. Y A check in the amount of the fee(s) is enclosed. Y A check in the amount of the fee(s) is enclosed. Y A check in the amount of the fee(s) is enclosed. Y A check in the amount of the fee(s) is enclosed. Y A check in the amount of the fee(s) is enclosed. Y A check in the amount of the fee(s) is enclosed. Y A check in the amount of the fee(s) is enclosed. Y A check in the amount of the fee(s) is enclosed. Y A check in the amount of the fee(s) is enclosed. Y A check in the amount of the fee(s) is enclosed. Y A check in the amount of the fee(s) is enclosed. Y A check in the	(A) NAME OF ASSIGN							1400.00
X Issue Fee X A check in the amount of the fee(s) is enclosed. X Publication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached. X Advance Order - # of Copies 6	• •	Corporation		Kari	ya, Japan 02 03	FC:1504 FC:8001		300.00 18.00
Payment by credit card. Form PTO-2038 is attached. X Advance Order - # of Copies 6 Yeposit Account Number 08-0750 (enclose an extra copy of this form). S. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature Date March 11, 2005	DENSO C	e assignee category or catego		nted on the p	ya, Japan 02 03 vatent): 🗖 Individual 🛣	FC:1504 FC:8001	other private gr	18.00
5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other interest as shown by the records of the United States Patent and Trademark Office. Date March 11, 2005	DENSO C Please check the appropriate 4a. The following fee(s) are	e assignee category or catego	4b.	nted on the p	ya, Japan 02 03 (atent): Individual XX	FC:1504 FC:8001 Corporation or	other private gro	18.00
5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other interest as shown by the records of the United States Patent and Trademark Office. Date March 11, 2005	DENSO C Please check the appropriate 4a. The following fee(s) are X Issue Fee X Publication Fee (No.	e assignee category or category enclosed: small entity discount permitt	4b. X	nted on the p Payment of A check Payment	ya, Japan 02 03 atent): Individual 22 Fee(s): in the amount of the fee(s) is by credit card. Form PTO-20	FC:1504 FC:8001 Corporation or enclosed. 38 is attached.		18.00 oup entity Gove
Authorized Signature Authorized Signature Date March 11, 2005	DENSO C Please check the appropriate 4a. The following fee(s) are X Issue Fee X Publication Fee (No.	e assignee category or category enclosed: small entity discount permitt	4b. X	nted on the p Payment of A check Payment	ya, Japan 02 03 atent): Individual 22 Fee(s): in the amount of the fee(s) is by credit card. Form PTO-20	FC:1504 FC:8001 Corporation or enclosed. 38 is attached.		18.00 oup entity Gove
Shapley M. Friavag Fog	DENSO C Please check the appropriate 4a. The following fee(s) are X Issue Fee X Publication Fee (No s X Advance Order - # o 5. Change in Entity Status	e assignee category or category enclosed: small entity discount permitt f Copies6	4b. X ed) X	Payment of A check Payment Payment Payment The Dire Deposit Acc	ya, Japan 02 03 atent): Individual 22 Fee(s): in the amount of the fee(s) is by credit card. Form PTO-20 ector is hereby authorized by ount Number 08-0750	FC:1504 FC:8001 Corporation or enclosed. 38 is attached. charge the req (er	uired fee(s), or nclose an extra c	credit any overpayopy of this form).
Stanley M. Friavag. Egg.	DENSO C Please check the appropriate 4a. The following fee(s) are XX Issue Fee XX Publication Fee (No s XX Advance Order - # o 5. Change in Entity Status a. Applicant claims S	e assignee category or category enclosed: small entity discount permitt f Copies6 ffrom status indicated above MALL ENTITY status. See	4b. X ed) X	nted on the p Payment of A check Payment The Dire Deposit Acc	ya, Japan 02 03 atent): Individual 22 Fee(s): in the amount of the fee(s) is by credit card. Form PTO-20 actor is hereby authorized by ount Number 08-0750	FC:1504 FC:8001 Corporation or enclosed. 038 is attached. charge the req (er	quired fee(s), or nelose an extra c status. See 37 C	credit any overpayopy of this form).
	DENSO C Please check the appropriate 4a. The following fee(s) are X Issue Fee X Publication Fee (No s X Advance Order - # o 5. Change in Entity Status a. Applicant claims S The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the rec	e assignee category or category enclosed: small entity discount permitt f Copies6 ffrom status indicated above MALL ENTITY status. See	4b. X ed) X	nted on the p Payment of A check Payment The Dire Deposit Acc	ya, Japan 02 03 vatent): Individual 32 Fee(s): in the amount of the fee(s) is by credit card. Form PTO-20 ector is hereby authorized by ount Number 08-0750 vant is no longer claiming SM may) or to re-apply any previous e other than the applicant; a re-	FC:1504 FC:8001 Corporation or enclosed. 38 is attached. charge the req (er (ALL ENTITY) usly paid issue fegistered attorned)	uired fee(s), or nelose an extra c status. See 37 C fee to the applica ey or agent; or the	credit any overpayropy of this form). FR 1.27(g)(2). ation identified above the assignee or other

this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.